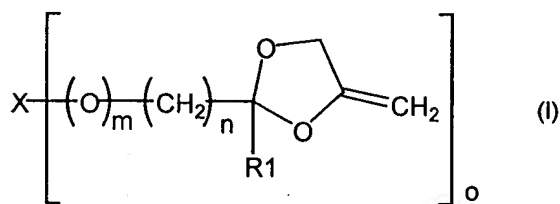


ABSTRACT OF THE DISCLOSURE

The invention relates to: 4-methylene-1,3-dioxolanes of the general formula (I)

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wherein R1 denotes hydrogen, C₅-C₆-cycloalkyl or C₁-C₄-alkyl; m and n, which may be the same or different, denote 0 or 1, whereby m ≤ n, o denotes 2, 3 or 4 depending on the valency of the group X; and X denotes a C-C single bond, straight-chain or branched C₁-C₁₈-alkylene, C₅-C₆-cycloalkylene, C₈-C₁₈-arylalkylene, -CH₂(OCH₂CH₂)_pOCH₂-, -CH₂(OCH(CH₃)CH₂)_pOCH₂-, wherein p is an integer from 0 to 100; a process for their production; and intermediate products used. Moreover, compositions capable of emission-free, photocationic cross-linking, which comprise 4-methylene-1,3-dioxolanes of the general formula (I) and their use for the production of solvent-resistant and transparent films.